

Converting Colors

CIELCh(79, 0.959, 18.106)

Have a look what the booklet for
CIELCh(79, 0.959, 18.106) contains.

CIELCh(79, 1.105, 19.002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	19
<i>Color Blindness Simulation</i>	22
<i>CSS Examples</i>	25

Color

CIELCh(79, 1.105, 19.002)

Conversions

Conversions Part 1

Format	Color
Hex	C6C3C3
RGB	198, 195, 195
RGB Percent	78%, 76%, 76%
CMY	0.2238, 0.2356, 0.2356
CMYK	0.00, 0.02, 0.02, 0.22
HSL	0°, 3%, 77%
HSV	0°, 2%, 78%
XYZ	52.6084, 54.9284, 59.4144
YIQ	195.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

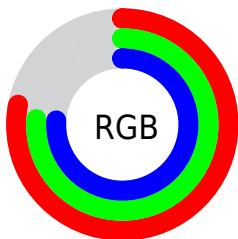
Format	Color
RYB	198, 195, 195
Decimal	13026243
CIELab	79.00, 1.04, 0.36
CIELCh	79, 1.105, 19.002
Yxy	54.9284, 0.3151, 0.3290
Android (android.graphics.Color)	4291216323 (0xFFC6C3C3)
YUV	195.8970, -0.4422, 1.8443
Hunter-Lab	74.1137, -2.9936, 4.3488

Details

The CIELCh color **79, 1.105, 19.002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 1.091, 199.918**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.053, 18.850**, and **59, 1.174, 19.159** is the 20% darker color. If you saturate the color by 10%, you get **73, 8.717, 20.181**, and if you desaturate by 10%, it is **85, 5.937, 199.172**.

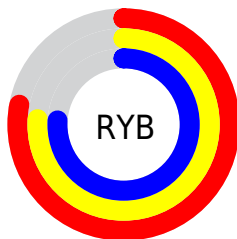
Distribution



Red (78%)

Green (76%)

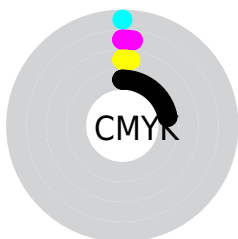
Blue (76%)



Red (78%)

Yellow (76%)

Blue (76%)

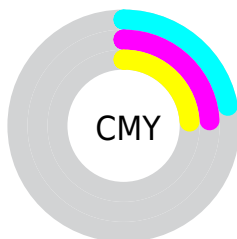


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 1.105, 19.002 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 79, 1.105, 19.002 by changing the saturation by 10% instead.

 79, 1.105, 19.002  79, 1.105, 19.002

100, 1.105, 19.002  69, 1.105, 19.002

 99, 1.105, 19.002  59, 1.105, 19.002

 49, 1.105, 19.002

 39, 1.105, 19.002

 29, 1.105, 19.002

 19, 1.105, 19.002

 9, 1.105, 19.002

 0, 1.105, 19.002

 79, 1.105, 19.002  79, 1.105, 19.002

73, 8.717, 20.181

85, 5.937, 199.172

68, 16.936, 21.054

90, 12.454,
198.719

63, 25.762, 22.161

96, 18.505,
198.381

58, 35.139, 23.601

53, 44.934, 25.478

96, 18.732,
198.267

49, 54.918, 27.900

46, 64.762, 30.922

43, 73.990, 34.414

42, 81.674, 37.782

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79, 1.105, 19.002



80, 1.091, 199.918

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 1.105, 19.002



79, 1.105, 69.002



79, 1.105, 199.002



79, 1.105, 249.002

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79, 1.104, 19.095

100, 0.012, 296.813



79, 1.960, 324.394



53, 0.007, 296.813



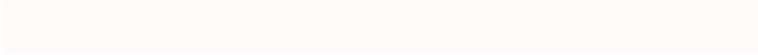
0, 0.000, 0.000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 1.104, 19.095



99, 1.793, 19.251



79, 0.958, 74.858



42, 0.830, 19.212



34, 74.629, 39.791



3, 15.873, 19.464

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80, 1.091, 199.918



100, 1.768, 199.763



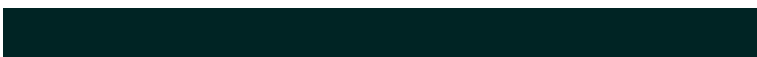
79, 0.969, 255.977



42, 0.820, 199.802



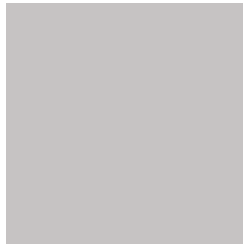
61, 35.830, 196.559



12, 12.967, 196.521

Previews

White Background



This preview shows how the CIELCh color 79, 1.105, 19.002 looks on a white background.

Color Contrast Check

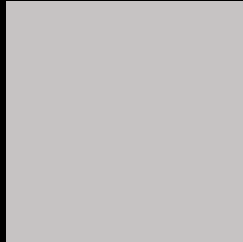
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 1.105, 19.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

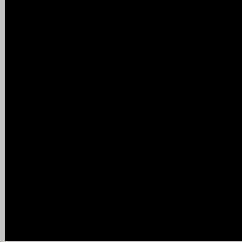
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

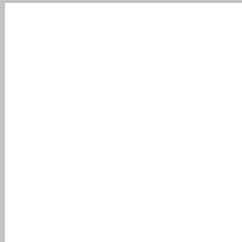
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 1.105, 19.002

Background



This preview shows how black text looks on a background with the CIELCh color 79, 1.105, 19.002.

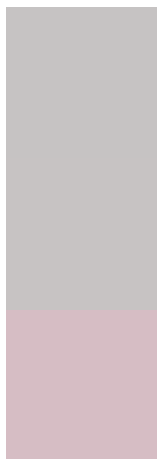


This preview shows how white text looks on a background with the CIELCh color 79, 1.105, 19.002.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79, 1.105, 19.002

Protanopia

79, 1.475, 19.154

Deuteranopia

79, 10.046, 358.443



Tritanopia
79, 8.442, 308.212

Trichromacy



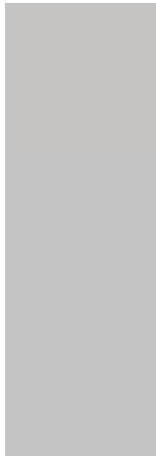
Original Color
79, 1.105, 19.002

Protanomaly
79, 1.475, 19.154

Deuteranomaly
79, 6.863, 357.068

Tritanomaly
79, 5.167, 311.144

Monochromacy



Original Color
79, 1.105, 19.002

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.368, 17.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 1.105, 19.002 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 1.105, 19.002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

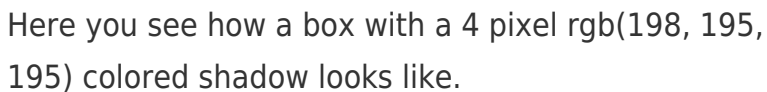
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 195, 195) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 195, 195) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(198, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 195, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 195, 195); box-shadow:4px 4px 4px 4px rgb(198, 195, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 1.105, 19.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198,  
195, 195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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